(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Print date: 08/09/2002

Map symbol and soil name	Pct. of map unit	ĺ	d	Shallow excavati 	ons	 Lawns and landsca 	ping
				Rating class and limiting features			
AdA: Aldino	100	Frost action	1.00	Depth to saturated zone	11.00	saturated zone	0.19
AdB2: Aldino	100 100	Frost action	1.00	 Very limited Depth to saturated zone Cutbanks cave	1.00	saturated zone	0.19
AuB2: Aura		 Somewhat limited Frost action	0.50	 Very limited Cutbanks cave		 Not limited 	
AuC2: Aura				 Very limited Cutbanks cave		 Not limited 	
AvD2: Aura	100	Slope	0.84	Cutbanks cave			0.84
BaA: Baile	100	Depth to saturated zone Frost action	1.00	Depth to saturated zone Cutbanks cave	11.00	saturated zone	i
BaB: Baile	100	 Very limited Depth to saturated zone Frost action Shrink-swell	1	 Very limited Depth to saturated zone Cutbanks cave	1	saturated zone	1.00
BcA: Barclay		Frost action	0.50	Depth to saturated zone	11.00	saturated zone	0.03

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	 Pct. of map unit	streets	d	Shallow excavations		Lawns and landscaping	
	 	 Rating class and limiting features 		 Rating class and limiting features 		 Rating class and limiting features 	Value
BcB: Barclay	 95 	Frost action	0.50 	Depth to saturated zone	11.00	 Somewhat limited Depth to saturated zone 	 0.03
BeA: Beltsville	100	Frost action Depth to	1.00 0.19	 Very limited Cutbanks cave Depth to saturated zone		saturated zone	 0.19
BeB2: Beltsville	100	Frost action	1.00 0.19	ĺ		 Somewhat limited Depth to saturated zone 	0.19
BeC2: Beltsville	100	Frost action	1.00	Cutbanks cave		saturated zone	 0.19
BeC3: Beltsville	100	Frost action	1.00	ĺ		 Somewhat limited Depth to saturated zone 	0.19
BuA: Butlertown	100			Depth to saturated zone	 0.95 0.10	 Not limited 	
BuB2: Butlertown	100		1.00		 0.95 0.10	 Not limited 	
BuC2: Butlertown	100		1.00	 Somewhat limited Depth to saturated zone Cutbanks cave	 0.95 0.10	 Not limited 	
BuC3: Butlertown	100	 Very limited Frost action 	1.00	 Somewhat limited Depth to saturated zone Cutbanks cave	0.95	 Not limited 	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	İ	d	Shallow excavations		Lawns and landscaping	
				Rating class and limiting features			
BuD2: Butlertown	100	Frost action	0.84	Slope	0.95		0.84
CeA: Chester		 Somewhat limited Frost action	0.50	 Somewhat limited Cutbanks cave 	0.10	 Somewhat limited Content of large stones	0.01
CeB2: Chester	100	 Somewhat limited Frost action 	0.50	 Somewhat limited Cutbanks cave 	0.10	 Somewhat limited Content of large stones	0.01
ChB2: Chillum	100	 Very limited Frost action	1.00	 Very limited Cutbanks cave	1.00	 Not limited	
ChC2: Chillum	100	 Very limited Frost action	1.00	 Very limited Cutbanks cave	1.00	 Not limited 	
ChC3: Chillum	100	 Very limited Frost action	1.00	 Very limited Cutbanks cave	11.00	 Not limited 	
ChD2: Chillum	100	 Very limited Frost action	1.00	 Very limited Cutbanks cave	11.00	 Somewhat limited Slope 	0.84
ChD3: Chillum	100	 Very limited Frost action Slope	1.00	 Very limited Cutbanks cave Slope	11.00	 Somewhat limited Slope 	0.84
ClB2: Christiana	j	Shrink-swell	0.50	Too clayey	0.64	İ	
CmB2: Chrome	100	Shrink-swell	0.50	Depth to hard bedrock Cutbanks cave	1.00	 Somewhat limited Depth to bedrock 	0.46

Table ENG-4.--Building Site Development--Continued

and soil name	 Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
	 	 Rating class and limiting features 	Value	Rating class and limiting features		 Rating class and limiting features 	Value
CmC2: Chrome	100	 Somewhat limited Slope	0.63	 Very limited Depth to hard bedrock	1.00	 Somewhat limited Slope	0.63
	 	Shrink-swell Frost action Depth to hard bedrock	0.50 0.50 0.46	Slope Cutbanks cave	0.63	Depth to bedrock 	0.46
CmD2: Chrome	 100	 Very limited Slope	1.00		1.00	 Very limited Slope	1.00
	 		 0.50 0.50 0.46	Cutbanks cave	11.00	 Depth to bedrock 	0.46
CnD3: Chrome	 100 	 Very limited Slope 	11.00	 Very limited Depth to hard bedrock	11.00	 Very limited Slope 	1.00
	 		0.50 0.50 0.46	Cutbanks cave	1.00 0.10 	Depth to bedrock -	0.46
CnE3: Chrome	 100 	 Very limited Slope	1.00	 Very limited Depth to hard bedrock	1 1.00	 Very limited Slope	1.00
	 	Shrink-swell Frost action Depth to hard bedrock	0.50 0.50 0.46	Slope Cutbanks cave	1.00	Depth to bedrock	0.46
Co: Coastal Beaches	 90 	 Not rated 	 	 Not rated 	 	 Not rated 	
Cp: Clay Pits	 95 	 Not rated 	 	 Not rated 	 	 Not rated 	
Cr: Codorus	 100 	 	 1.00 1.00 0.75	saturated zone Cutbanks cave	 1.00 1.00 0.60	 Somewhat limited Depth to saturated zone Flooding	0.75

Map symbol and soil name	 Pct. of map unit	İ	d	Shallow excavations 		 Lawns and landscaping 	
	 -	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	
CsB2: Collington	- 100	 Somewhat limited Shrink-swell Frost action	 0.50 0.50	Cutbanks cave	11.00	 Not limited 	
CsC2: Collington	- 100	 Somewhat limited Shrink-swell Frost action		Cutbanks cave		 Not limited 	
CtB2: Collington				 Very limited Cutbanks cave 			
CtC2: Collington	- 100			Cutbanks cave		 Not limited 	
CtC3: Collington	- 100	 Somewhat limited Shrink-swell Frost action	0.50	Cutbanks cave		 Not limited 	
CtD2: Collington	- 100	Slope		Cutbanks cave Slope			0.84
CtD3: Collington	- 100	 Somewhat limited Slope Shrink-swell Frost action		Cutbanks cave			0.84
Cu: Comus	- 100	 Very limited Flooding Frost action	1.00	Cutbanks cave		 Somewhat limited Flooding	0.60
CwC: Conowingo				Depth to	11.00	 Somewhat limited Depth to saturated zone Slope 	0.43
ElA: Elkton	- 50 	 Very limited Depth to saturated zone Shrink-swell Frost action	 1.00 0.50 0.50	 Very limited Depth to saturated zone Cutbanks cave 	1.00	 Very limited Depth to saturated zone 	1.00

Table ENG-4.--Building Site Development--Continued

and soil name	 Pct. of map unit	streets	·		ons	 Lawns and landsca 	ping
	 			Rating class and limiting features			
Elkton		Depth to saturated zone Shrink-swell	11.00	Depth to saturated zone Cutbanks cave	1.00	 Very limited Depth to saturated zone 	11.00
ElB: Elkton	 50 	Depth to saturated zone Shrink-swell	1.00	Depth to saturated zone Cutbanks cave	1.00	 Very limited Depth to saturated zone 	1.00
Elkton	 50 	Depth to saturated zone Shrink-swell	1.00	saturated zone Cutbanks cave	1.00		1.00
EmA: Elkton	 50 	Depth to saturated zone Shrink-swell	1.00	Depth to saturated zone Cutbanks cave	1.00	 Very limited Depth to saturated zone 	1.00
Elkton		Depth to saturated zone Shrink-swell	1.00	Depth to saturated zone Cutbanks cave	1.00	 Very limited Depth to saturated zone 	1.00
EmB: Elkton	 50 	Depth to saturated zone	1.00	Depth to saturated zone Cutbanks cave	1.00		1.00
Elkton	 50 	Depth to saturated zone Shrink-swell	11.00	Depth to saturated zone Cutbanks cave	1.00		1.00
EoA: Elsinboro	100	 Somewhat limited Frost action 	 0.50	saturated zone	0.16	 Not limited 	
EoB2: Elsinboro	 100 	 Somewhat limited Frost action 	0.50	saturated zone	0.16	 Not limited 	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	 Pct. of map unit	streets	d	 Shallow excavations 		 Lawns and landscaping 	
	 	Rating class and limiting features	Value	Rating class and limiting features		Rating class and limiting features	Value
EoC2: Elsinboro	- 100	 Somewhat limited Frost action 	0.50	Depth to saturated zone	0.16	 Not limited 	
EvB: Evesboro	- 100	 Not limited 	 			 Somewhat limited Droughty	0.69
EvD: Evesboro	- 100	 Somewhat limited Slope 				 Somewhat limited Droughty Slope	0.69
Eve: Evesboro	- 100	 Very limited Slope 		Slope		 Very limited Slope Droughty	11.00
FaA: Fallsington	- 100	 Very limited Depth to saturated zone Frost action	1.00	saturated zone	11.00	 Very limited Depth to saturated zone 	1.00
FaB: Fallsington	- 100	 Very limited Depth to saturated zone Frost action	1.00	Depth to saturated zone	11.00	 Very limited Depth to saturated zone	11.00
FaC: Fallsington	- 100	 Very limited Depth to saturated zone Frost action	1.00	Depth to saturated zone	1.00	 Very limited Depth to saturated zone 	1.00
FmA: Fallsington	- 100	 Very limited Depth to saturated zone Frost action	1.00	Depth to saturated zone		 Very limited Depth to saturated zone	1.00
FmB: Fallsington	- 100	 Very limited Depth to saturated zone Frost action	1.00	saturated zone	1.00	 Very limited Depth to saturated zone 	1.00
GeA: Glenelg	- 100	 Somewhat limited Frost action	0.50	 Somewhat limited Cutbanks cave	0.10	 Not limited 	
GeB2: Glenelg	- 100	 Somewhat limited Frost action 		 Somewhat limited Cutbanks cave 	0.10	 Not limited 	

Table ENG-4.--Building Site Development--Continued

	 Pct. of map unit	ĺ	Shallow excavati	ons	 Lawns and landsca 	ping	
				Rating class and limiting features			Value
GeC2: Glenelg	1100	Slope	0.63	Slope	 0.63 0.10		 0.63
GeC3: Glenelg	İ	Slope	0.63	Slope			0.63
GeD2: Glenelg		Slope	1.00	Slope			1.00
GeD3: Glenelg	1	Slope	1.00	Slope			1.00
GeE: Glenelg		Slope	1.00	Slope	 1.00 0.10		1.00
GnA: Glenville	100	Frost action 	1.00 	Depth to saturated zone	11.00	saturated zone	0.48
GnB2: Glenville	 100 	Frost action 		Depth to saturated zone	11.00	saturated zone	 0.48
GnC2: Glenville	 100 1 	Frost action Slope Depth to	1.00 0.63	saturated zone Slope 	1.00	Depth to saturated zone	0.63
Gv: Gravel And Borrow Pi	100	saturated zone Not rated 	 	 Not rated 	 	 Not rated 	
		 	[

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	 Pct. of map unit	streets	d	 Shallow excavati 	 Shallow excavations 		Lawns and landscaping	
	 			 Rating class and limiting features		 Rating class and limiting features 	Value	
Ha: Hatboro	 - 100 	Depth to saturated zone Frost action	1.00 1.00	Depth to saturated zone Cutbanks cave	1.00 	Flooding	1 1.00	
KeA: Keyport	100	Frost action	1.00	 Very limited Cutbanks cave Depth to saturated zone	1.00	 Not limited 		
KeB2: Keyport	100	Frost action	1.00	Cutbanks cave	1.00		 	
KeC2: Keyport	100	Frost action	1.00	Cutbanks cave	1.00		 	
KpA: Keyport		Frost action	1.00	Cutbanks cave	1.00		 	
KpB2: Keyport			1.00	Cutbanks cave	1.00	 Not limited -	 	
KpC2: Keyport	100		1.00	Cutbanks cave	 1.00 0.99	 Not limited 	 	
KpD2: Keyport					 1.00 0.99 	 Somewhat limited Slope 	 0.84 	
KsB3: Keyport	 - 100 	 		 Very limited Cutbanks cave	i I	 Not limited 	 	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	 Pct. of map unit	İ	d	 Shallow excavations 		Lawns and landscaping	
	 	 Rating class and limiting features 		 Rating class and limiting features 		 Rating class and limiting features 	Value
KsC3: Keyport	100	Frost action	1.00	•	11.00	•	
LeB2: Legore				 Very limited Cutbanks cave		 Not limited 	
LeC2: Legore	 100 	Slope		Cutbanks cave		 Somewhat limited Slope 	0.63
LeD2: Legore	 100 	Slope	11.00	 Very limited Slope Cutbanks cave	1.00	 Very limited Slope 	1.00
LgC3: Legore	 100 	Slope	 0.63 0.50	Cutbanks cave	 1.00 0.63		0.63
LgE3: Legore	 100 	Slope	1.00	Slope		 Very limited Slope 	1.00
LoA: Leonardtown	 100 	Depth to saturated zone	1.00	Depth to saturated zone Depth to dense layer	1.00	 	1.00
LoB: Leonardtown	 100 	saturated zone	į	Depth to saturated zone Depth to dense layer	11.00	 	1.00
LyC: Loamy And Clayey Lan	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
LyD: Loamy And Clayey Lan	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	

Table ENG-4.--Building Site Development--Continued

	 Pct. of map unit	İ			ons	 Lawns and landsca 	ping
	 	 Rating class and limiting features 		 Rating class and limiting features 		 Rating class and limiting features 	Value
LyE: Loamy And Clayey Lan	100	 Not rated 	 	 Not rated 	 	 Not rated 	
MaB: Made Land	 95 	 Not rated 	 	 Not rated 	 	 Not rated	
MaD: Made Land	100	 Not rated 	 	 Not rated 		 Not rated 	
MlB2: Manor	 100	 Somewhat limited Frost action	 0.50	 Somewhat limited Cutbanks cave	0.10		
MlC2: Manor	 100 	Slope	0.63	Slope		 Somewhat limited Slope	 0.63
MlC3: Manor		Slope	0.63	Slope	 0.63 0.10	 Somewhat limited Slope 	 0.63
MlD2: Manor	 100 	Slope		Slope		 Very limited Slope 	1.00
MlD3: Manor	 100 	Slope	1.00	Slope		 Very limited Slope 	11.00
MlE: Manor	 100 	Slope	11.00	Slope	 1.00 0.10	 Very limited Slope 	11.00
MmD: Manor		 Somewhat limited Slope Frost action	 0.96 0.50	Slope	 0.96 0.10	Slope	 0.96 0.05
MnA: Matapeake	100	 Somewhat limited Frost action	 0.50	 Somewhat limited Cutbanks cave	0.10	 Not limited 	
MnB2: Matapeake	 100 	 Somewhat limited Frost action 	 0.50	 Somewhat limited Cutbanks cave 	 0.10	 Not limited 	

Map symbol and soil name	 Pct. of map unit	İ	d	Shallow excavations		Lawns and landscaping	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
MnC2: Matapeake	- 100	 Somewhat limited Frost action			0.10	 Not limited	
MnC3: Matapeake		 Somewhat limited Frost action			0.10	 Not limited	
MnD2: Matapeake	- 100		0.84	Slope		 Somewhat limited Slope 	0.84
MnD3: Matapeake	- 100	Slope	10.84	Slope		 Somewhat limited Slope 	0.84
MoA: Matapeake		 Somewhat limited Frost action			0.10	 Not limited	
MoB2: Matapeake	- 100	 Somewhat limited Frost action			0.10	 Not limited	
MpA: Mattapex	 - 95	 Somewhat limited Frost action	0.50	 Very limited Cutbanks cave	11.00	 Somewhat limited Depth to saturated zone	0.03
		Depth to saturated zone 	0.03	Depth to saturated zone 	11.00		
MpB2: Mattapex	- 100	 Somewhat limited Frost action		 Very limited Cutbanks cave		 Somewhat limited Depth to saturated zone	0.03
		Depth to saturated zone	0.03	Depth to saturated zone	1.00		
MpC2: Mattapex	- 100		0.50	 Very limited Cutbanks cave 		 Somewhat limited Depth to saturated zone	0.03
	i I	Depth to saturated zone		Depth to saturated zone	1.00		
Mr: Mixed Alluvial Land	 - 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
MtA: Montalto	100	 Very limited Shrink-swell Frost action 	 1.00 0.50		 0.10 0.03	 Not limited 	

Map symbol Pct. and soil name of map unit		İ		 Shallow excavations 		 Lawns and landscaping 	
	 			 Rating class and limiting features 			Value
MtB2: Montalto		Shrink-swell	1.00	Cutbanks cave	0.10		
MtC2: Montalto		Shrink-swell Slope	11.00	Cutbanks cave	 0.63 0.10 0.03	Slope 	 0.63
MvD: Montalto	 100 	Slope Shrink-swell 	0.96 0.50	Cutbanks cave 	0.96 0.10	Slope	 0.96 0.11
MyC3: Montalto		Shrink-swell Slope	 1.00 0.63	 Somewhat limited Slope Cutbanks cave	0.03 0.63 0.10 0.03	 Somewhat limited Slope 	 0.63
MyD3: Montalto		Slope Shrink-swell	1.00 1.00	Slope Cutbanks cave	 1.00 0.10 0.03	į	1 .00
NeA: Neshaminy						 Somewhat limited Content of large stones	0.01
NeB2: Neshaminy		 Somewhat limited Frost action 	 0.50	 Somewhat limited Cutbanks cave 	0.10	 Somewhat limited Content of large stones	0.01
NeC2: Neshaminy	 100 	Slope	0.63	Slope	0.63	 Somewhat limited Slope Content of large stones	 0.63 0.01
NeD2: Neshaminy	 100 	 Very limited Slope Frost action	1.00		1.00	 Very limited Slope Content of large stones	1.00
OhA: Othello	100	 Very limited Depth to saturated zone Frost action	 1.00 0.50	 Very limited Depth to saturated zone Cutbanks cave	1.00	 Very limited Depth to saturated zone 	11.00

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	İ		 Shallow excavations 		 Lawns and landscaping 	
		 Rating class and limiting features		 Rating class and limiting features 			Value
OhB: Othello	 - 100 	Depth to saturated zone	1.00	 Very limited Depth to saturated zone Cutbanks cave	11.00	saturated zone	11.00
RuB: Rumford	- 100	 Not limited 	 	 Very limited Cutbanks cave		 Not limited 	
RuC: Rumford	- 100	 Not limited		 Very limited Cutbanks cave		 Not limited 	
RuD: Rumford	- 100	 Somewhat limited Slope 	 0.84	Cutbanks cave	11.00	 Somewhat limited Slope 	0.84
SaA: Sassafras	- 100	 Somewhat limited Frost action	0.50	 Very limited Cutbanks cave	1.00	 Not limited 	
SaB2: Sassafras		 Somewhat limited Frost action	0.50	 Very limited Cutbanks cave	1.00	 Not limited	
SaC2: Sassafras	- 100	 Somewhat limited Frost action	0.50	 Very limited Cutbanks cave		 Not limited	
SaC3: Sassafras	- 100	 Somewhat limited Frost action		 Very limited Cutbanks cave		 Not limited 	
SaD2: Sassafras		Slope	0.84	Cutbanks cave			0.84
SaD3: Sassafras	- 100	 Somewhat limited Slope Frost action	0.84	Cutbanks cave		 Somewhat limited Slope 	0.84
SfB2: Sassafras	- 100	 Somewhat limited Frost action		 Very limited Cutbanks cave	1.00	 Not limited 	
SgB2: Sassafras	 - 100 	 Somewhat limited Frost action 	0.50	 Very limited Cutbanks cave 	11.00	 Somewhat limited Gravel content Content of large stones	0.33

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	 Pct. of map unit	İ		 Shallow excavations 		 Lawns and landscaping 	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
SgC2: Sassafras	100	 Somewhat limited Frost action 		 Very limited Cutbanks cave 	11.00	 Somewhat limited Gravel content Content of large stones	 0.33 0.01
SgC3: Sassafras				 Very limited Cutbanks cave 	11.00	 Somewhat limited Gravel content Content of large stones	 0.33 0.01
SgD3: Sassafras	100	Slope	0.84		11.00	 Somewhat limited Slope Gravel content Content of large stones	 0.84 0.33 0.01
SrE: Aura		Slope	1.00	 Very limited Slope Cutbanks cave	11.00		 1.00 0.50 0.06
Sassafras		 Very limited Slope Frost action	11.00		1.00		1.00
St: Stony Land	100	 Not rated 	 	 Not rated 	 	 Not rated 	
Tm: Tidal Marsh	100	 Not rated 	 	 Not rated 	 	 Not rated 	
Wa: Watchung	100	 Very limited Depth to saturated zone Frost action Shrink-swell	11.00	Depth to saturated zone Too clayey		saturated zone Content of large stones	1.00
WoA: Woodstown	100		i 	 Very limited Cutbanks cave	i I	 Not limited 	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	İ	d	Shallow excavations		 Lawns and landscaping 	
		Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
WoB2: Woodstown	95				 1.00 1.00		
WoC2: Woodstown	95	 Somewhat limited Frost action 			11.00	 Not limited 	
WoC3: Woodstown	100				1.00	 Not limited 	
WoD: Woodstown	100	Slope	0.84	 Very limited Cutbanks cave Depth to saturated zone Slope	11.00		0.84
WsA: Woodstown	100			Cutbanks cave	 1.00 1.00	 Not limited 	
WsB2: Woodstown	100		0.50	 Very limited Cutbanks cave Depth to saturated zone	11.00	 Not limited 	